Object Handler - Workplans

Workplans are used to define individual standard procedures to further automate the load and unload process. Workplans are Natural objects of the type Text. They are, by default, stored in the library WORKPLAN located in the current FUSER system file.

With the Administration function (see the relevant section) or Object Handler direct commands (see Direct and PROCEDURE Workplan Commands), you can create and select Workplans or change the default library for Workplans.

To change the default library, you can also use the SYSOBJH profile by setting the option Workplan-Library (see SYSOBJH Profile).

This section covers the following topics:

- Contents of Workplans
- Examples of Workplans
- Referencing Workplans

Contents of Workplans

A Workplan consists of a header (generated by the Object Handler) and an associated instructional or textual part. Instructional parts contain Object Handler commands and parameter and/or option settings. Textual parts only contain plain text. Header and instructional or textual parts can contain comments (for example, the short description of the Workplan) that must start with the delimiter character **/*** and are restricted to one line.

There are six types of Workplan: PROCEDURE, SELECTION, LIST, PARAMETER , OPTION and TEXT.

The table below lists the valid headers (to be entered if creating a Workplan outside the Object Handler) for the corresponding types of Workplan and describes the contents of the instructional or textual part. Additionally, it provides cross references to the clauses that apply when specifying Object Handler commands. The Object Handler commands provided are explained in Direct and PROCEDURE Workplan Syntax (see the section Commands).

Valid Headers	Contents	Related Commands/Clauses
`TYPE PROCEDURE`	An Object Handler procedure. It can contain any combination of Object Handler commands available for PROCEDURE. Enter a sequence of commands separated by semicolons (;).	Direct and PROCEDURE Workplan Commands (section: Commands)
`TYPE SELECTION`	A selection criterion for objects. It can be used in Object Handler Workplan commands.	Select-Clause (section: Direct and PROCEDURE Workplan Syntax, Commands)
`TYPE LIST`	A list of objects. It can be used in used in Object Handler Workplan commands.	Object List (section: Direct and PROCEDURE Workplan Syntax, Commands)
`TYPE PARAMETER`	Parameters for the unload or load function, for example, old and new name. It can be used in Object Handler Workplan commands.	Parameter-Setting (section: Direct and PROCEDURE Workplan Syntax, Commands)
`TYPE OPTION`	Options for the unload or load function, for example, report settings. It can be used in Object Handler Workplan commands.	Option-Setting in the (section: Direct and PROCEDURE Workplan Syntax, Commands)
`TYPE TEXT`	Comments or any other text that can be used for documentation purpose.	Not applicable.

Examples of Workplans

The following table contains examples of the instructional parts of Workplans.

Workplan Type	Instruction	Explanation
PROCEDURE	`FINDLIB * LIB TEST`	Check whether the library TEST exists.
PROCEDURE	`UNLOAD A* LIB TEST`	Unload from the library TEST into Work File 1 all Natural programming objects starting with A, and all user-defined error messages.
SELECTION	`* LIB TEST`	Process all objects from the library TEST.
TEXT	`This is a Workplan comment.`	Any text.

Referencing Workplans

The following syntax applies when referencing an Object Handler Workplan in connection with the Object Handler direct commands described in Direct and PROCEDURE Workplan Commands:

```
   ( workplan-name

        [LIBRARY library-name]

        [DBID dbid [FNR fnr] ] [NAME vsam-name]

        [CIPHER cipher]

        ⎡  ⎧  PASSWORD  ⎫            ⎤
        ⎢  ⎨  PSW       ⎬  password  ⎥
        ⎣  ⎩           ⎭            ⎦

   )
```

Keyword Explanation

The table below contains describes the keywords and values that apply to the syntax for referencing Workplans:

Keyword	Values	Default Value
workplan-name	A valid Natural object name.	No default
LIBRARY	The name of the Natural library where the Workplan is located.	WORKPLAN
DBID	The ID of the Adabas database (DBID) where the Workplan library is located.	0 (current FNAT/FUSER)
FNR	The number of the Adabas file (FNR) where the Workplan library is located.	0 (current FNAT/FUSER)
NAME	Only applies to objects on mainframes. The name of a valid VSAM file where the Workplan library is located.	blank (current FNAT/FUSER)
CIPHER	Only applies to objects on mainframes. An 8-digit cipher code.	blank (current FNAT/FUSER)
PASSWORD	Only applies to objects on mainframes. An 8-character Adabas password.	blank (current FNAT/FUSER)